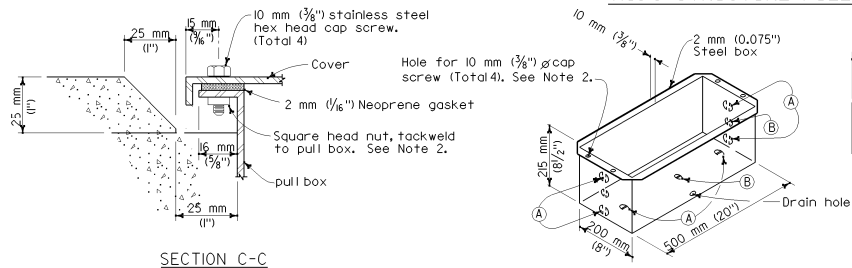
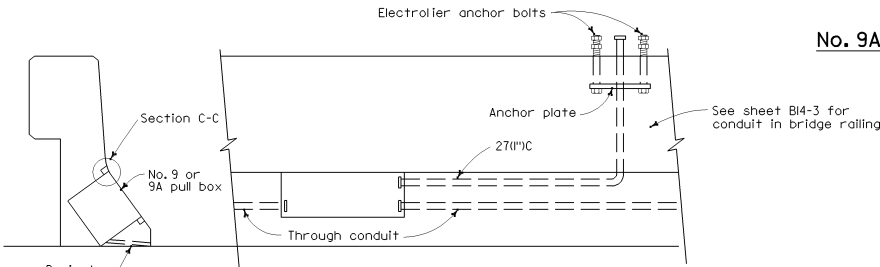


No. 9 STRUCTURE PULL BOX



No. 9A STRUCTURE PULL BOX

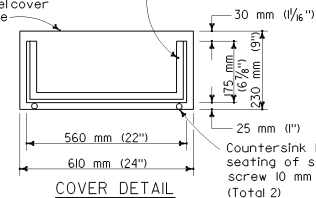


INSTALLATION IN SLOPING PARAPETS

For reinforcement in area of electroliner, see railing sheets. For electroliner anchor bolts, see Standard Plan ES-6B.

38 mm x 115 mm x 4 mm
(1 1/2" x 4 1/2" x 0.35") strap
with 7 mm (1/4") hole, weld
to box (4-Required)

3 mm (1/8")
Steel cover
plate



INSTALLATION NOTES:

Box axis shall be parallel to top of railing.
Close box during pouring with 6 mm (1/4") plywood
plywood of sufficient size to provide 1d chamfer
on 3 sides of cover. Upper edge of plywood shall
fit against lower edge of raintight hood.

NOTES: NO. 9 AND 9A PULL BOX

- All corner joints to be lapped and secured by spot welding or riveting.
- Where cap screws are used to attach cover to box, either of the following methods of providing adequate threading may be used:
 - Tack weld square nut to bottom of flange (total 4), or
 - Tack weld a 6 mm x 16 mm x 200 mm (1/4" x 5/8" x 8") bar beneath flange (total 2).
- Pound knockouts flat after punching.
- Multiple size knockouts will not be permitted.
- Pull box covers shall be marked as shown on Standard Plan ES-8.

KNOCKOUT SCHEDULE No. 9 AND 9A PULL BOX

- 4 (1/2") C, 2 each end, 2 on bottom.
- 27 (1 1/4") C, 1 each end, 1 on bottom.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

SIGNAL, LIGHTING AND ELECTRICAL SYSTEMS ELECTRICAL DETAILS STRUCTURE INSTALLATIONS

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses (). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

ES-9C

DIST.	COUNTY	ROUTE	KILOMETER POST	SHEET	TOTAL
TOTAL PROJECT			NO.	SHEETS	
<p>Theresa Gabriel REGISTERED PROFESSIONAL ENGINEER No. E15123 Exp. 6-30-04 STATE OF CALIFORNIA</p> <p>July 1, 2002 PLANS APPROVAL DATE</p> <p>The State of California or its officers or agents shall not be responsible for the accuracy or completeness or electronic copies of this plan sheet.</p> <p>Caltrans now has a web site! To go to the web site, go to: http://www.dot.ca.gov</p>					